

Serial No.: 10/596,118

Filing Date: 5/31/2006

Attorney Docket No. 515.040US01

Title: TEST APPARATUS FOR CONTROL UNIT, PATTERN SIGNAL CREATING APPARATUS, AND TEST PROGRAM GENERATING APPARATUS

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**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

1.-9. (Canceled)

10. (Currently amended) A test apparatus for a control unit, comprising:  
testing means for testing the operation of said control unit based on a relationship between a pattern signal input to said control unit and an output signal output in response to said pattern signal from a target being controlled by said control unit; ~~and~~  
means for causing said testing means during execution of ~~said a first~~ pattern signal to switch to the execution of ~~another a second~~ pattern signal when a first pattern signal transition condition for making a transition to the execution of said ~~other~~ second pattern signal holds; and  
means for causing said testing means during execution of said first pattern signal to switch to the execution of a third pattern signal when a second pattern signal transition condition for making a transition to the execution of said third pattern signal holds.

11.-19. (Canceled)

20. (Currently amended) A test method for testing the operation of a control unit based on a relationship between a pattern signal input to said control unit and an output signal output in response to said pattern signal from a target being controlled by said control unit, said method comprising;  
a step for executing ~~said a first~~ pattern signal; ~~and~~

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a step for switching, during execution of said first pattern signal, to the execution of ~~another~~ a second pattern signal when a first pattern signal transition condition for making a transition to the execution of said ~~other~~ second pattern signal holds; and

a step for switching, during execution of said first pattern signal, to the execution of a third pattern signal when a second pattern signal transition condition for making a transition to the execution of said third pattern signal holds.